

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060719\
 Data File : VL033886.D
 Acq On : 7 Jun 2019 12:51
 Operator : SY/AP
 Sample : QC060619 CAN 10729
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC060619 CAN 10729

Quant Time: Jun 08 04:26:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 07 08:53:27 2019
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	824971	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1887185	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	1829581	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1533250	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

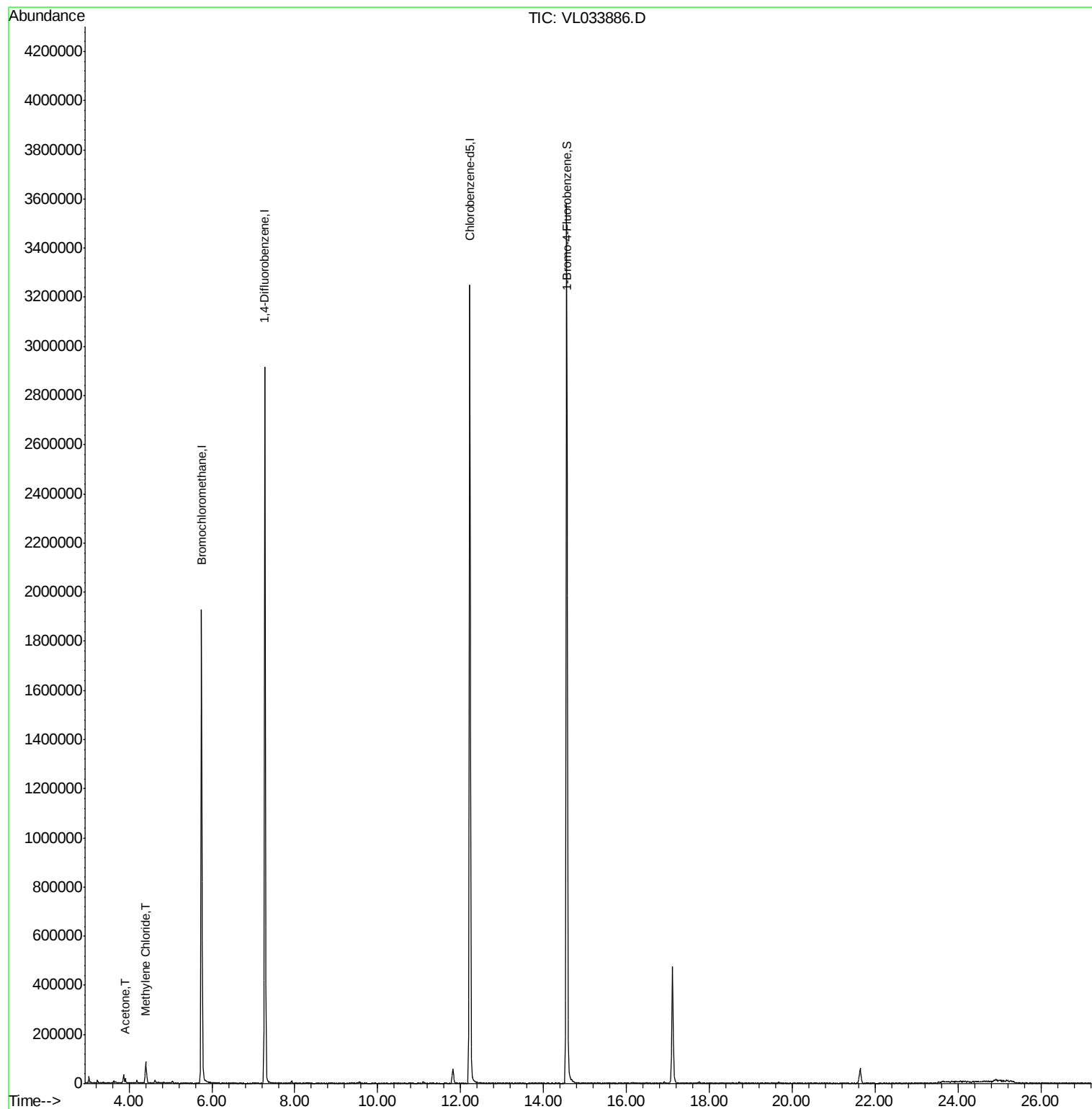
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.91	43	15551	0.129	ppbv	95
20) Methylene Chloride	4.40	84	27705	0.590	ppbv #	91

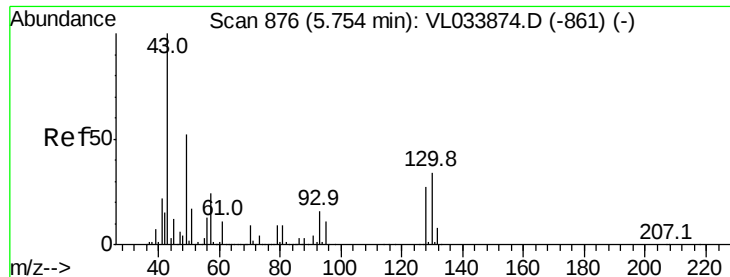
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC060619 CAN 10729

Quant Time: Jun 08 04:26:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 874

Delta R.T. -0.01 min

Lab File: VL033886.D

Acq: 7 Jun 2019 12:51

Instrument :

MSVOA_L

ClientSampleId :

QC060619 CAN 10729

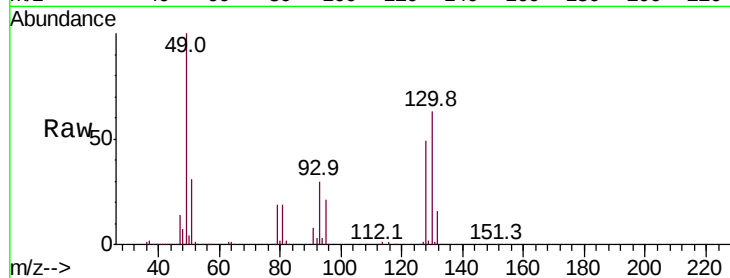
Tot Ion: 49 Resp: 824971

Ion Ratio Lower Upper

49 100

128 49.5 25.5 76.5

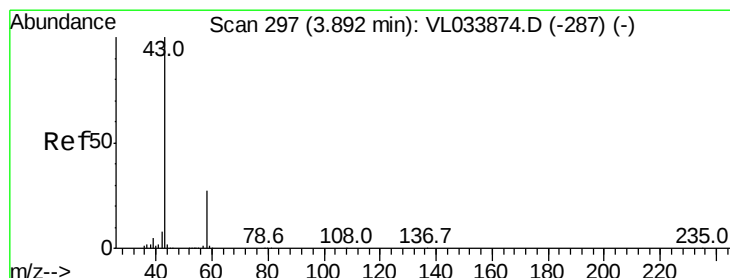
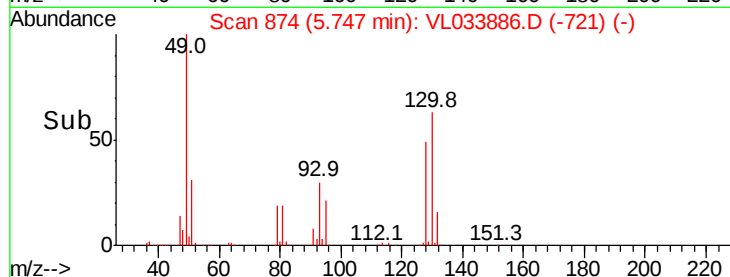
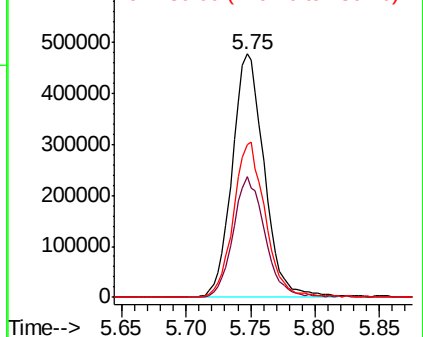
130 63.5 32.5 97.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.129 ppbv

RT: 3.91 min Scan# 302

Delta R.T. 0.02 min

Lab File: VL033886.D

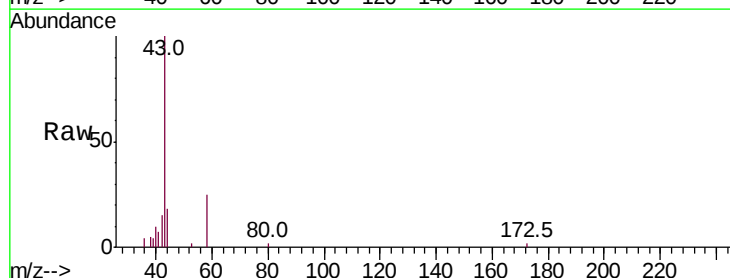
Acq: 7 Jun 2019 12:51

Tgt Ion: 43 Resp: 15551

Ion Ratio Lower Upper

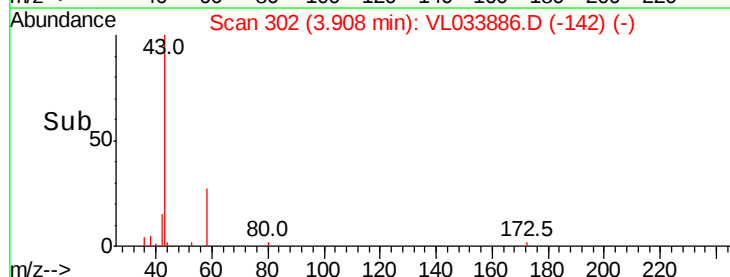
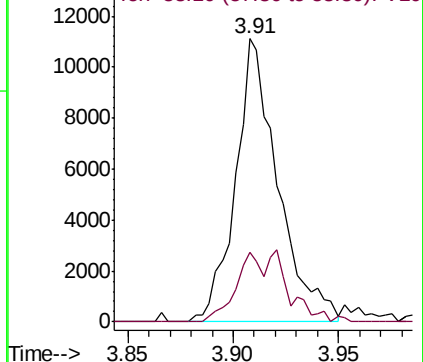
43 100

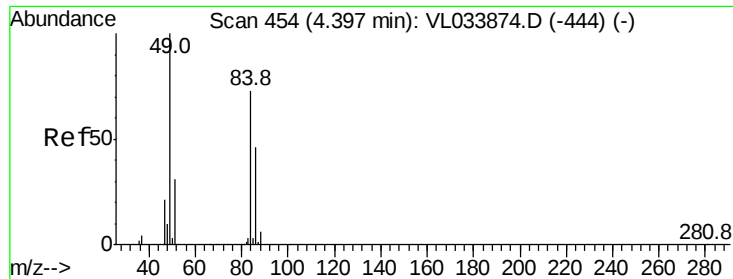
58 29.2 21.3 31.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

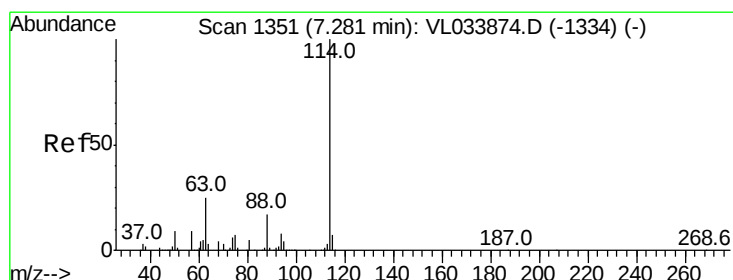
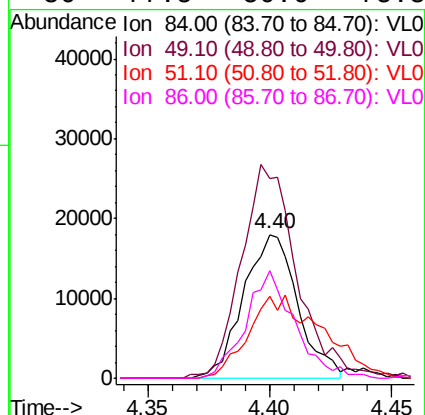
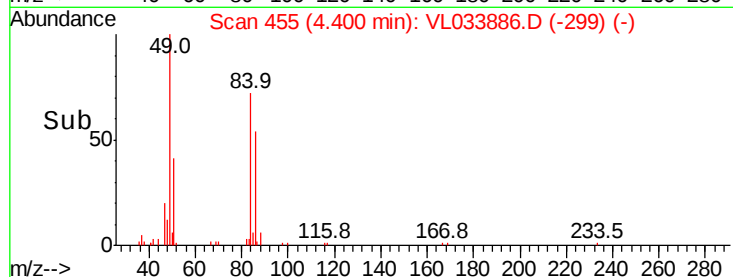
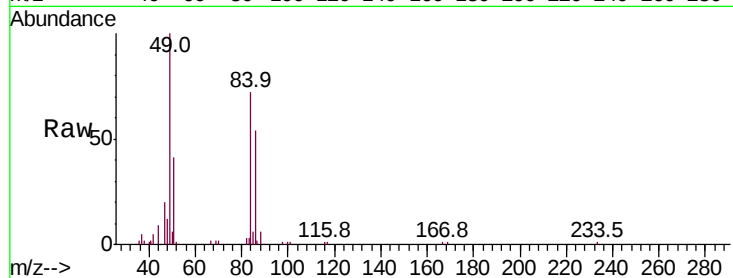




#20
Methvlene Chloride
Concen: 0.590 ppbv
RT: 4.40 min Scan# 455
Delta R.T. 0.00 min
Lab File: VL033886.D
Acq: 7 Jun 2019 12:51

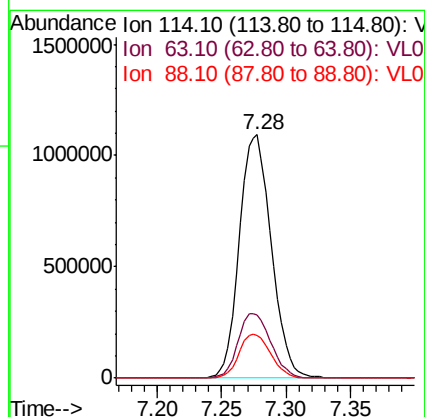
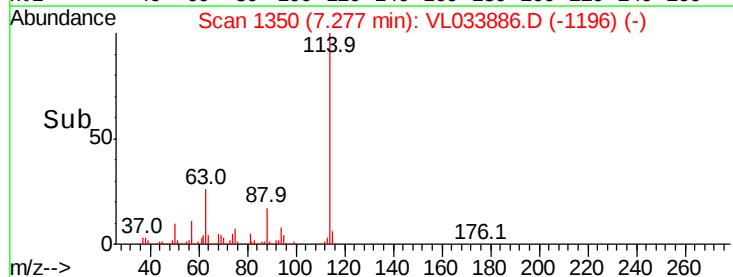
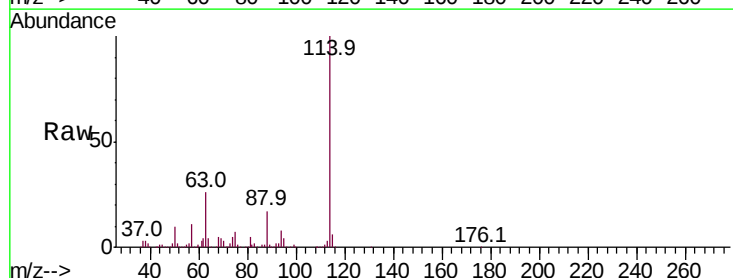
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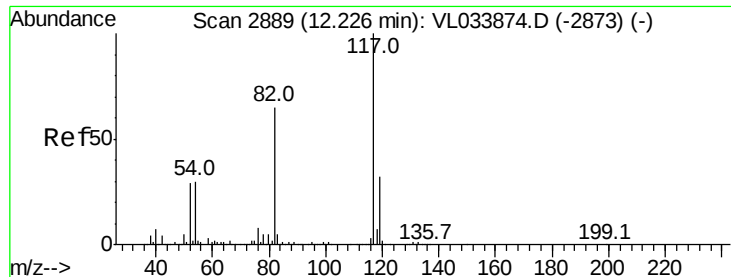
Tot Ion: 84 Resp: 27705
Ion Ratio Lower Upper
84 100
49 135.8 110.0 165.0
51 56.9 34.6 51.8#
86 77.5 50.6 75.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VL033886.D
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Tgt Ion: 114 Resp: 1887185
Ion Ratio Lower Upper
114 100
63 27.3 21.1 31.7
88 18.0 14.2 21.4

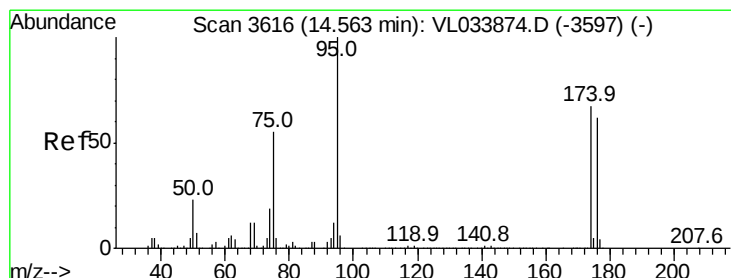
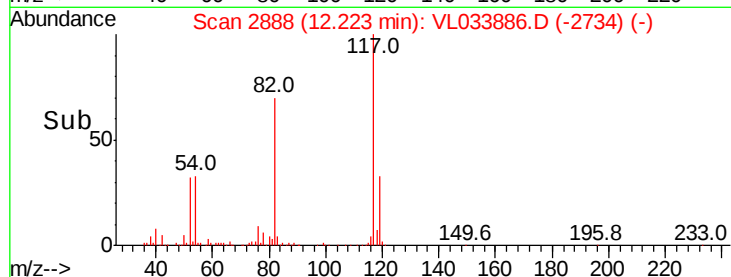
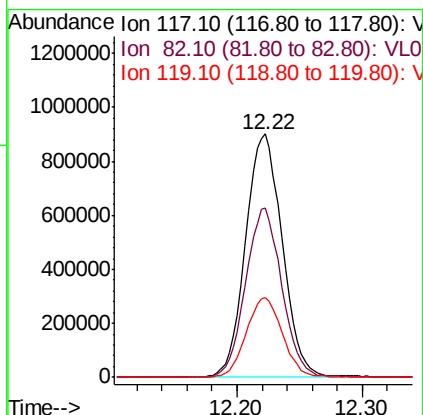
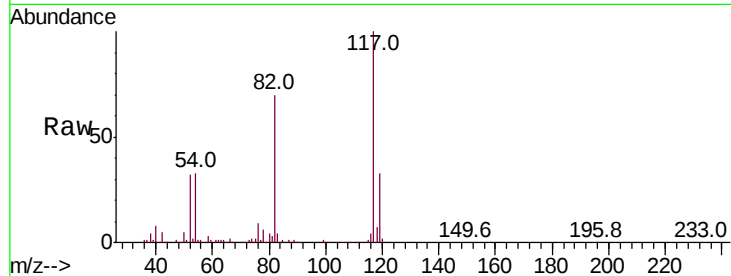




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.22 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL033886.D
Acq: 7 Jun 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
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Tot Ion:117 Resp: 1829581
Ion Ratio Lower Upper
117 100
82 69.0 50.2 75.2
119 32.4 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.203 ppbv
RT: 14.56 min Scan# 3615
Delta R.T. -0.00 min
Lab File: VL033886.D
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Tgt Ion: 95 Resp: 1533250
Ion Ratio Lower Upper
95 100
174 65.4 54.0 81.0
175 4.6 3.8 5.8

